

## Repairer Preventive Maintenance Checks and Services

6530-01-327-0686  
Ventilator, Volume, Portable, Model 750M

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	<b>Ventilator</b> a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.  b. Inspect hoses, fittings, and regulators for cracks, crimps, leakage, discoloration, damaged connector fittings, or general wear as directed in the manufacturer's literature.	Missing components or accessories prevent the operation of the ventilator.  Unserviceable accessories prevent use of the ventilator.
2	S	<b>Preventative Maintenance Inspections</b> a. Perform visual checks as directed in the manufacturer's literature.  b. Perform performance checks as directed in the manufacturer's literature.  c. Clean unit as directed in the manufacturer's literature.	The inspections do not pass standards.  The inspections do not pass standards.
3	S	<b>Case</b>  Check for wear, loose or missing hardware, and cracks as directed in the manufacturer's literature.	The unserviceable case prevents protective storage, safe movement, or operation of the unit.
4	S	<b>Battery</b> a. Test the control module for operation using the internal battery as directed in the manufacturer's literature.  b. Check for a battery alarm as directed in the manufacturer's literature.	Use of the battery causes an alarm condition.
5	S	<b>Multivoltage Power Supply</b> a. Check the power supply for worn, cracked, or damaged connectors as directed in the manufacturer's literature.  b. Test the operation of the power supply and the integrated battery charger as directed in the manufacturer's literature.  c. Verify that electrical safety tests have been performed as scheduled as directed in the manufacturer's literature.	The ventilator cannot be operated or if an electrical hazard is present.  The multivoltage power supply is inoperable.  The unit fails any safety test.

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6	S	<b>Patient Valve</b> Check for cracks, leakage, discoloration, and general wear as directed in the manufacturer's literature.	The patient valve is inoperable, malfunctioning, or endangers the patient.
7	S	<b>Control Module</b> a. Check for tactile feel of all controls. Verify operation of controls as directed in the manufacturer's literature.  b. Verify completion of self-test as directed in the manufacturer's literature.  c. Verify transducer calibration as directed in the manufacturer's literature.  d. Check the various modes of operation as directed in the manufacturer's literature.  (1) Verify the control ventilation – with/without “SIGH” - with/without “PEEP” as directed in the manufacturer's literature.  (2) Verify the assist-control ventilation – with/without “SIGH” – with/without “PEEP” as directed in the manufacturer's literature.  (3) Verify the synchronized intermittent mandatory ventilation (SIMV) – with/without “SIGH” – with/without “PEEP” as directed in the manufacturer's literature.  (4) Verify the assist-control backup during apnea – with/without “SIGH” – with/without “PEEP” as directed in the manufacturer's literature.  e. Update the Medical Equipment Verification/Certification sticker (DD Form 2163).	Any control is inoperable.  Any portion of the self-test fails or aborts.  The transducer fails calibration test.  The ventilator does not operate in any of the modes of operation.  The unit has not been verified within the last six (6) months.